

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1686598	(vitamin nutrient protein amino adj1 acid polyunsaturate\$ mineral bioactive pharmaceutical drug active)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 09:28
S2	120861	lipid	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 09:58
S3	360644	protein	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 09:59
S4	12506	dispersed adj1 phase	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 09:59
S5	24250	continuous adj1 phase	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 09:59
S7	1098662	(oil fat monoglyceride diglyceride triglyceride polyglyceride fatty adj1 acid)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:03
S8	1470	S1 AND S3 AND S4 AND S5 AND S7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:08
S9	459860	corn poppy adj1 seed fish cotton adj1 seed soybean walnut safflower sunflower sesame canola linseed grape algae microorganism yeast protozoa	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:07
S10	1143	S1 AND S3 AND S4 AND S5 AND S9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:09
S11	915	S10 AND emulsifier	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:11
S12	7483	hydrocolloid	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:54
S13	640	S11 AND S12	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:12
S14	360079	whey bovine adj1 blood gelatin peanut cereal fish soy porcine	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:12
S15	144961	S3 and S14	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:13

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S16	682	S1 AND S14 AND S4 AND S5 AND S12	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:55
S17	100197	emulsifier	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:14
S18	656	S16 AND S17	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:14
S19	656	S16 AND S17	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:15
S20	249928	(glucose lactose fructose mannose maltose ribose galactose)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:15
S21	628	S19 AND S20	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:16
S22	1011344	calcium magnesium sodium phosphate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:17
S23	625	S21 AND S22	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:44
S24	622	S23 AND gel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:52
S25	32214	hydrocolloid xanthan	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:54
S26	898	S1 AND S14 AND S4 AND S5 AND S25	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:56
S27	810	S17 AND S26	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:56
S28	738	S17 AND S26 AND S20 AND S22	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 10:57
S29	727	S28 AND gel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:30
S30	13797	(micelles oil) AND continuous adj1 phase	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:29
S31	15	protein AND continous adj1 phase	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:29

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S32	5438	(micelles oil) same continuous adj1 phase	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:29
S33	0	protein same continuous adj1 phase	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:29
S34	27	"4216234"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:42
S35	1	"0165663"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:42
S36	0	"EP0165663A"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:42
S37	30	"5143737"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:37
S38	0	"EP 0165663A"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:42
S39	0	"EP 0165663 A"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:38
S40	1686598	(vitamin nutrient protein amino adj1 acid polyunsaturate\$ mineral bioactive pharmaceutical drug active)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:38
S41	120861	lipid	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:38
S42	360644	protein	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:38
S43	12506	dispersed adj1 phase	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:38
S44	24250	continuous adj1 phase	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:38
S45	1017	S40 AND S41 AND S42 AND S43 AND S44	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/29 15:38
S46	0	"EP0165663A"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 15:42

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S47	0	"EP 0165663A"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 15:42
S48	26	"0165663"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 15:43
S49	29	lipid AND continuous adj3 phase SAME (water aqueous) AND cross\$linked adj3 protein	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/15 15:19
S50	1768598	(vitamin nutrient protein amino adj1 acid polyunsaturate\$ mineral bioactive pharmaceutical drug active)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/15 15:20
S51	29	S50 AND S49	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/15 15:54
S52	82	(oil adj3 water adj3 emulsion) AND crosslinked adj3 protein AND gel AND (vitamin lipid protein amino adj2 acid bioactive adj1 agent mineral pharmaceutical drug medicament medicant)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/15 16:12
S53	82	(oil adj3 water) adj3 emulsion AND crosslinked adj3 protein AND gel AND (vitamin lipid protein amino adj2 acid bioactive adj1 agent mineral pharmaceutical drug medicament medicant) AND gel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/28 15:11
S54	2	gelatin ADJ3 crosslinking AND maillard	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/28 15:13
S55	336	gelatin ADJ3 crosslinking	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/28 15:13
S56	205	gelatin ADJ3 crosslinking	USPAT	OR	ON	2007/03/28 15:14
S58	4142	(protein) SAME crosslink\$ AND (maillard disulfide hydrophobic adj2 interactions ionic adj2 interactions hydrogen adj2 bonding) AND gel	USPAT	OR	ON	2007/03/28 15:17
S59	1674	(protein) SAME crosslink\$ AND (maillard disulfide hydrophobic adj2 interactions ionic adj2 interactions hydrogen adj2 bonding) AND gel AND "424"	USPAT	OR	ON	2007/03/28 15:58
S60	1015	(protein) SAME crosslink\$ AND (maillard disulfide hydrophobic adj2 interactions ionic adj2 interactions hydrogen adj2 bonding) AND gel AND food	USPAT	OR	ON	2007/03/29 08:08
S61	208	crosslink\$ AND (maillard adj reaction)	USPAT	OR	ON	2007/03/28 16:08
S62	192	crosslink\$ AND (maillard adj reaction) AND amino	USPAT	OR	ON	2007/03/28 16:23

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S63	1962	crosslink\$ AND disulfide adj2 bond AND heat	USPAT	OR	ON	2007/03/28 16:23
S64	1870	crosslink\$ AND disulfide adj2 bond AND heat AND Protein	USPAT	OR	ON	2007/03/28 16:24
S65	1252	crosslink\$ SAME protein AND disulfide adj2 bond AND heat	USPAT	OR	ON	2007/03/28 16:25
S66	151	crosslink\$ SAME protein AND disulfide adj2 bond AND heat AND feed	USPAT	OR	ON	2007/03/29 08:08
S67	151	(crosslink\$ SAME protein) AND disulfide adj2 bond AND heat AND feed	USPAT	OR	ON	2007/03/29 08:08
S68	952	(protein) SAME crosslink\$ AND (disulfide hydrophobic adj2 interactions ionic adj2 interactions hydrogen adj2 bonding) AND gel AND food	USPAT	OR	ON	2007/11/06 09:16
S69	2133	(protein) SAME crosslink\$ AND (disulfide hydrophobic adj2 interactions ionic adj2 interactions hydrogen adj2 bonding) AND gel AND food	USPAT	OR	ON	2007/11/06 09:17
S70	884	(protein) SAME crosslink\$ AND (disulfide hydrophobic adj2 interactions ionic adj2 interactions hydrogen adj2 bonding) AND (glutaraldehyde formaldehyde aldehyde) AND heat AND gel AND food	USPAT	OR	ON	2007/11/06 09:18
S71	13106	gel SAME (oil lipid) SAME (aqueous water) SAME emulsion	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/29 15:39
S72	12582	gel SAME (oil lipid) SAME (aqueous water) SAME emulsion AND (vitamin nutrient protein amino adj1 acid polyunsaturate\$ mineral bioactive pharmaceutical drug active)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/29 15:39
S73	195	gel SAME (oil lipid) SAME (aqueous water) WITH protein SAME emulsion AND (vitamin nutrient protein amino adj1 acid polyunsaturate\$ mineral bioactive pharmaceutical drug active)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/29 15:49
S74	257	(gel colloid) SAME (oil lipid) SAME (aqueous water) WITH protein SAME emulsion AND (vitamin nutrient protein amino adj1 acid polyunsaturate\$ mineral bioactive pharmaceutical drug active)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/29 16:02
S75	257	(gel colloid) SAME (oil lipid) SAME ((aqueous water) WITH protein) SAME emulsion AND (vitamin nutrient protein amino adj1 acid polyunsaturate\$ mineral bioactive pharmaceutical drug active)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/29 16:02

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S76	25	(gel colloid) SAME (oil lipid) SAME ((aqueous water) WITH protein SAME cross\$link\$) SAME emulsion AND (vitamin nutrient protein amino adj1 acid polyunsaturate\$ mineral bioactive pharmaceutical drug active)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/29 16:08
S77	5	(gel colloid) SAME (oil lipid) SAME ((aqueous water) WITH protein SAME cross\$link\$) SAME emulsion AND linoleic adj5 acid	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/30 09:58
S78	26161	(oil lipid) AND linoleic adj5 acid	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/30 09:59
S79	2180	(oil lipid) AND linoleic adj5 acid AND (ruminant animal) ADJ5 feed	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/30 09:59
S80	1056	(oil lipid) AND linoleic adj5 acid AND (ruminant animal) ADJ5 feed	USPAT	OR	ON	2008/01/30 10:00
S81	161	(oil lipid) AND conjugated adj5 linoleic adj5 acid AND (ruminant animal) ADJ5 feed	USPAT	OR	ON	2008/01/30 10:04
S82	9	(gel colloid) SAME (oil lipid) SAME ((aqueous water) WITH protein SAME cross\$link\$) SAME emulsion AND emulsifier	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/30 10:18
S83	90	(emulsion) SAME (oil lipid) SAME ((aqueous water) WITH protein SAME cross\$link\$) AND gel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/10/18 12:29
S84	64	(emulsion) SAME (oil lipid) SAME ((aqueous water) WITH protein SAME cross\$link\$) AND gel AND cross\$link\$ SAME (heat hydrophobic ionic hydrogen)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/10/18 12:35
S85	8297	(oil lipid) SAME (corn poppy fish cotton soybean walnut safflower sunflower sesame canola linseed) AND animal ADJ3 feed	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/10/18 16:26
S86	4414	(oil lipid) SAME (corn poppy fish cotton soybean walnut safflower sunflower sesame canola linseed) AND animal ADJ3 feed	USPAT	OR	ON	2008/10/18 16:26
S87	2171	(oil lipid) SAME (corn poppy fish cotton soybean walnut safflower sunflower sesame canola linseed) AND animal ADJ3 feed AND gel	USPAT	OR	ON	2008/10/18 16:26
S88	715	(oil lipid) SAME (corn poppy fish cotton soybean walnut safflower sunflower sesame canola linseed) AND animal ADJ3 feed AND gel AND protein AND emulsion	USPAT	OR	ON	2008/10/18 16:27
S89	61667	(calcium magnesium sodium phosphate) SAME (emulsion emulsifier)	USPAT	OR	ON	2008/10/18 16:57
S90	950	(calcium magnesium sodium phosphate) SAME (emulsion emulsifier) AND animal adj3 feed	USPAT	OR	ON	2008/10/18 16:57

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S91	26	(calcium magnesium sodium phosphate) SAME (emulsion emulsifier) AND ruminant adj3 feed	USPAT	OR	ON	2008/10/18 16:57
S92	13	"4808429"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/07/07 15:57